



CERTIFICATE OF ANALYSIS

STATUS: **RELEASED** REVISION: 00

DATE: 06/18/2021

Analysis ID No. 211865
 TDA License No. 2020002
 ISO/IEC No. 1055838
 Customer No. 20210528
 Page No. Page 1 of 2

CUSTOMER INFORMATION	SAMPLE INFORMATION
Company Name: Cosmic Cowboys Extractions	Submitted Sample Name: CBD GRS Tincture, 500 mg
Address: 6335 Holden Mills Dr.; Spring, Texas 77389 USA	Submitted Sample Lot: 202093
Phone Number: 512-667-3129	Submitted Sample Description: Tincture In Amber Glass With Dropper Cap ; Stored at RT
Contact Name / Email: Justin Bennett / justin@cosmiccowboyextractions.com	Submitted Sample Product Type / Matrix: Tincture / Oil

TOTAL THC ASSAY					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
Δ9-THC	UHPLC-DAD	0.002 w/w%	w/w%: NMT 0.300 mg/g: NMT 3.0 (Δ9-THC States Only)	0.059 w/w% 0.593 mg/g	Results Reported
THCa	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOQ	Results Reported
Total THC	UHPLC-DAD	0.002 w/w%	w/w%: NMT 0.300 mg/g: NMT 3.0	0.059 w/w% 0.593 mg/g	PASS
Measurement Uncertainty (MU) = 0.02% at 0.3% THC					

CBD LABEL CLAIM					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
CBD	UHPLC-DAD	0.002 w/w%	mg/mL: Report Only* mg/Unit: Report Only**	13.443 mg/mL 403.29 mg/Unit	Results Reported
CBD	UHPLC-DAD	0.002 w/w%	% Label Claim: 90.0 to 110.0% Target: 100%	80.7%	Results Reported
*Solution Density = 0.947 g/mL, ** Unit Volume = 30 mL					

CANNABINOIDS ASSAY					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
CBD	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	1.420 w/w% 14.195 mg/g	Results Reported
CBDa	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOQ	Results Reported
Δ9-THC	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	0.059 w/w% 0.593 mg/g	Results Reported
Δ8-THC	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOQ	Results Reported
Exo-THC	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOQ	Results Reported
THCa	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOQ	Results Reported
CBG	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	0.049 w/w% 0.489 mg/g	Results Reported
CBGa	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOQ	Results Reported

Santé Laboratories, LLC - 8201 East Riverside Drive, STE 650, Austin, Texas 78744 USA
 Email: Testing@santelabs.com - Telephone: 512-309-5830 - Website: www.santelabs.com

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CANNABINOIDS ASSAY					
Analysis	Test Method	LOQ	Specifications	Test Results	Pass / Fail
CBN	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOQ	Results Reported
CBNa	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOQ	Results Reported
CBC	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	0.074 w/w% 0.742 mg/g	Results Reported
CBCa	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOQ	Results Reported
CBL	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOQ	Results Reported
CBDV	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	0.041 w/w% 0.411 mg/g	Results Reported
CBDVa	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOQ	Results Reported
THCV	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOQ	Results Reported
THCVa	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	< LOQ	Results Reported
Total Cannabinoids	UHPLC-DAD	0.002 w/w%	w/w%: Report Only mg/g: Report Only	1.643 w/w% 16.430 mg/g	Results Reported

TESTING FACILITY INFORMATION	SAMPLE INFORMATION
Santé Laboratories 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA	Santé Sample ID: 211865 Receipt Date: 06/11/2021 / 12:00 PM CST / S. ORTEGA Receipt Condition: Good Analysis Start Date: 06/14/2021

ADDITIONAL REPORT NOTES
The reported results presented in this document is only applicable to samples submitted to Santé Laboratories for testing and may not represent the entire lot and/or batch produced by the manufacturer. Cannabinoids were tested according to performance methods by AOAC SMPR 2019.003. Total Potential THC = (THCa x 0.877) + ($\Delta 9$ - THC). ©2020 Santé Laboratories, LLC – All Rights Reserved

VERSION HISTORY		
Version	Effective Date	Summary of Changes
00	06/18/2021	Initial Release

PRODUCT SAMPLE / IMAGE


REVIEWED AND APPROVED BY		
DocuSigned by:  Brian Sloat, Ph.D. Chief Scientific Officer / Quality Manager Santé Laboratories	6/18/2021 Date	DD-MM-YY